

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**MINIATURIZED GAS SENSORS FEATURING ELECTRICAL BREAKDOWN IN THE VICINITY OF CARBON NANOTUBE TIPS**

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(Attorney Docket No. 047182-0145)

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the specification of which (check one)

       is attached hereto.

  X   was filed on 12/19/2003 as United States Application Number or PCT International Application Number 10/540,112 (PCT/US2003/040665) and was amended on June 20, 2005 (if applicable).

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THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

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U.S. Provisional Application Number	Filing Date
60/435,041	12/20/2002

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

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I request that all correspondence be directed to:

Leon Radomsky  
FOLEY & LARDNER LLP  
Customer Number: 22428

Telephone: (202) 945-6090  
Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor	Nikhil KORATKAR
Residence	Troy, New York
Citizenship	India
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
Inventor's signature	
Date	June 15, 2006.
Name of second inventor	Pulickel AJAYAN
Residence	Clifton Park, New York
Citizenship	India
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
Inventor's signature	
Date	
Name of third inventor	Ashish MODI
Residence	Troy, New York
Citizenship	India
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
Inventor's signature	
Date	

Name of fourth inventor	Eric LASS
Residence	Troy, New York
Citizenship	USA
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
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(Attorney Docket No. 047182-0145)

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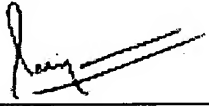
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Residence	Clifton Park, New York
Citizenship	India
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
Inventor's signature	
Date	12 April, 2006
Name of third inventor	Ashish MODI
Residence	Troy, New York
Citizenship	India
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
Inventor's signature	
Date	

Name of fourth inventor

Eric LASS

Residence

Troy, New York

Citizenship

USA

Post Office Address

c/o RENSSELAER POLYTECHNIC INSTITUTE

110 8th Street

Troy, New York 12180-3590

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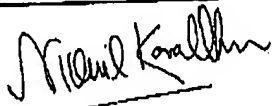
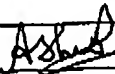
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Citizenship	India
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
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Name of third inventor	Ashish MODI
Residence	Troy, New York
Citizenship	India
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
Inventor's signature	
Date	04/17/06

Name of fourth inventor	Eric LASS
Residence	Troy, New York
Citizenship	USA
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
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Inventor's signature	
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Name of third inventor	Ashish MODI
Residence	Troy, New York
Citizenship	India
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
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Residence	Troy, New York
Citizenship	USA
Post Office Address	c/o RENSSELAER POLYTECHNIC INSTITUTE 110 8th Street Troy, New York 12180-3590
Inventor's signature	
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